

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Patent Application of:  
Nobuyuki TAKAKURA et al.

Application No.: 10/584,028

Confirmation No.: 4443

Filed: June 22, 2006

Art Unit: 1651

For: INDUCTION OF MYOCARDIAL CELL  
FROM MAMMALIAN BONE MARROW  
CELL OR CORD BLOOD-DERIVED CELL  
AND FAT TISSUE

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Examiner: T. Kim

**AMENDMENT UNDER § 1.111**

**MS AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated November 15, 2010, the following amendments and remarks are respectfully submitted in connection with the above-identified application:

**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 4.